

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/011621

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K39/39 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/68896 A (THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY) 20 September 2001 (2001-09-20) page 3, line 32 - page 4, line 6 page 6, line 4 - page 7, line 26 page 9, line 14 - line 31 page 14, line 17 - line 22	1-35
Y	WO 99/51259 A (UNIVERSITY OF IOWA RESEARCH FOUNDATION) 14 October 1999 (1999-10-14) page 3, line 25 - page 4, line 14 page 5, line 8 - line 20 page 7, line 25 - page 26, line 30 page 30, line 32 - page 32, line 2 page 35, line 12 - page 36, line 5 page 41, line 29 - page 44, line 13 -/--	1-35



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the International filing date
- 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- 'O' document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the International filing date but later than the priority date claimed

'T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

'&' document member of the same patent family

Date of the actual completion of the International search

20 May 2005

Date of mailing of the International search report

02/06/2005

Name and mailing address of the ISA

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PCT/EP2004/011621

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99/56775 A (AKZO NOBEL N.V.) 11 November 1999 (1999-11-11) cited in the application the whole document	1-35
A	WO 98/16247 A (THE REGENTS OF THE UNIVERSITY OF CALIFORNIA) 23 April 1998 (1998-04-23) cited in the application page 10, line 3 - page 12, line 14 page 14, line 21 - page 18, line 18 page 19, line 1 - page 21, line 14	1-35
P,X	Y LI ET AL.: "IL-18 gene therapy develops Th1-type immune responses in Leishmania major-infected BALB/c mice: is the effect mediated by the CpG signaling TLR9?" GENE THERAPY, vol. 11, 2004, pages 941-948, XP002328862 abstract page 943, right-hand column, paragraph 4 - page 946, right-hand column, paragraph 3	1,5-14, 17-25, 28-31, 33-35

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-12, and 29 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/011621

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0168896	A	20-09-2001	AU 4541401 A	24-09-2001
			WO 0168896 A1	20-09-2001
			US 2001044418 A1	22-11-2001
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			DE 69733020 D1	19-05-2005
			EP 0930893 A1	28-07-1999
			JP 2001503254 T	13-03-2001
			WO 9816247 A1	23-04-1998
			US 6610661 B1	26-08-2003
			US 2003232780 A1	18-12-2003
			US 2004006010 A1	08-01-2004